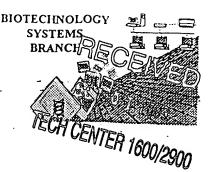09- 45 1779

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/451,739 6

Source: 1600

Date Processed by STIC: 9-26-03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
        http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
   Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
            Or
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
   2011 South Clark Place, Arlington, VA 22202
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   Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003

1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/451,739G

DATE: 09/26/2003
TIME: 14:33:03

Input Set : A:\LUD5615-seq.txt
Output Set: N:\CRF4\09262003\I451739G.raw

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 1 <110> APPLICANT: Jager, Dirk
 2         Scanlan, Matthew
 3         Gure, Ali
 4         Jager, Elke
 5         Knuth, Alexander
 6         Old, Lloyd
 7         Chen, Yao-tseng
 9 <120> TITLE OF INVENTION: Isolated Nucleic Acid Molecules Encoding Cancer Associated
Antigens,
10         the Antigens per se, and Uses Thereof
12 <130> FILE REFERENCE: LUD 5615
14 <140> CURRENT APPLICATION NUMBER: 09/451,739G
16 <141> CURRENT FILING DATE: 1999-11-30
18 <160> NUMBER OF SEQ ID NOS: 19
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Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

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357 <210> SEQ ID NO: 8
358 <211> LENGTH: 772
359 <212> TYPE: DNA
360 <213> ORGANISM: Homo sapiens
361 <221> NAME/KEY: CDS
362 <222> LOCATION: 689,714
363 <400> SEQUENCE: 8
364 aaagcgttct cggcggcagc gcaacaacta gaaccgtgag aacgcgtcca gcaaccgcga   60
366 cccacgacga cgtcacctcg ggcacgccca aggagaagaa agcccagacc tctaagaaga  120
368 agcagggctc catggccaag gcgtagcggc aggcgtcccc cgcagacctc cccatcgacc  180
370 ccagcgagcc ctcctactgg gagatgatcc gctgcgacaa cgaatgcccc atcgagtggt  240
372 tccgcttctc gtgtgtgagt ctcaaccata aaccaaagcg caagtggtac tgttccagat  300
374 gccggggaaa gaacgatggg caaagccctt gagaagtcca gaaaaaaaac agggcttata  360
376 acaggtagtt tggggacatg cgtctaatag tgaggagaac aaaataagcc agtgtgttga  420
378 ttacattgcc acctttgctg aggtgcagga agtgtaaaat gtatattttt aaagaatgtt  480
380 gttagaggcc gggcgcggtg gctcacgcct gtaatcccag cactttggga ggccgaggcg  540
382 gtcggatcac gaggtcagga gatcgagacc atcctggcta acacggtgaa accccgtctc  600
384 tactaaaaat tcaaaaaaaa aattagctgg gcgtggtggc gggcgcctgt agtcccagct  660
386 attcgggagg ctgaggcagg agaatggcgt gaacctggga ggtggagctt gcagtgagcc  720
388 aaggtcgcgc cactgcactc cagcctgggc gacagagcga gactccatct ta           772
439 <210> SEQ ID NO: 15
440 <211> LENGTH: 2030
441 <212> TYPE: DNA
442 <213> ORGANISM: Homo sapiens
443 <221> NAME/KEY: CDS
444 <222> LOCATION: 1628, 1752, 1758, 1769, 1789, 1873, 1908, 1915, 1933, 1970, 1976,2022
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Handwritten annotations:
- "Don't use CDS, it denotes coding seq" (near line 360-363)
- "<220> No explanation for "N". See item 9 on error summary report." (near lines 361-363)
- "<223> explain "n"'s"
- "W-->" (near line 386)
- "Don't use" / "<220>" (near line 443)
- "<223> insert and explain "n"'s"

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/451,739G

DATE: 09/26/2003
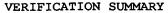TIME: 14:33:03

Input Set : A:\LUD5615-seq.txt
Output Set: N:\CRF4\09262003\I451739G.raw

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445 <400> SEQUENCE: 15
446 ctcgtgccgt taaagatggt cttctgaagg ctaactgcgg aatgaaagtt tctattccaa   60
448 ctaaagcctt agaattgatg gacatgcaaa ctttcaaagc agagcctccc gagaagccat  120
450 ctgccttcga gcctgccatt gaaatgcaaa agtctgttcc aaataaagcc ttggaattga  180
452 agaatgaaca aacattgaga gcagatgaga tactcccatc agaatccaaa caaaaggact  240
454 atgaagaaag ttcttgggat tctgagagtc tctgtgagac tgtttcacag aaggatgtgt  300
456 gtttacccaa ggctacacat caaaaagaaa tagataaaat aaatggaaaa ttagaagagt  360
458 ctcctgataa tgatggtttt ctgaaggctc cctgcagaat gaaagtttct attccaacta  420
460 aagccttaga attgatggac atgcaaactt tcaaagcaga gcctcccgag aagccatctg  480
462 ccttcgagcc tgccattgaa atgcaaaagt ctgttccaaa taaagccttg gaattgaaga  540
464 atgaacaaac attgagagca gatcagatgt tcccttcaga atcaaaacaa aagaaggttg  600
466 aagaaaattc ttgggattct gagagtctcc gtgagactgt ttcacagaag gatgtgtgtg  660
468 tacccaaggc tacacatcaa aaagaaatgg ataaaataag tggaaaatta gaagattcaa  720
470 ctagcctatc aaaaatcttg gatacagttc attcttgtga aagagcaagg gaacttcaaa  780
472 aagatcactg tgaacaacgt acaggaaaaa tggaacaaat gaaaaagaag ttttgtgtac  840
474 tgaaaaagaa actgtcagaa gcaaaagaaa taaaatcaca gttagagaac caaaaagtta  900
476 aatgggaaca agagctctgc agtgtgagat tgactttaaa ccaagaagaa gagaagagaa  960
478 gaaatgccga tatattaaat gaaaaaatta gggaagaatt aggaagaatc gaagagcagc 1020
480 ataggaaaga gttagaagtg aaacaacaac ttgaacaggc tctcagaata caagatatag 1080
482 aattgaagag tgtagaaagt aatttgaatc aggtttctca cactcatgaa aatgaaaatt 1140
484 atctcttaca tgaaaattgc atgttgaaaa aggaaattgc catgctaaaa ctggaaatag 1200
486 ccacactgaa acaccaatac caggaaaagg aaaataaata ctttgaggac attaagattt 1260
488 taaaagaaaa gaatgctgaa cttcagatga ccctaaaact gaaagaggaa tcattaacta 1320
490 aaagggcatc tcaatatagt gggcagctta aagttctgat agctgagaac acaatgctca 1380
492 cttctaaatt gaaggaaaaa caagacaaag aaatactaga ggcagaaatt gaatcacacc 1440
494 atcctagact ggcttctgct gtacaagacc atgatcaaat tgtgacatca agaaaaagtc 1500
496 aagaacctgc tttccacatt gcaggagatg cttgtttgca aagaaaaatg aatgttgatg 1560
498 tgagtagtac cgatatataa caatgaggtg ctccatcaac cactttctga agctcaaagg 1620
500 aaatccanaa gcctaaaaat taatctcaat tatgcaggag atgctctaag agaaaataca 1680
502 ttggtttcag gaacatgcac aaagagacca acgtgaaaca cagtgtcaaa tgaaggaagc 1740
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506 tctagatcag aaattatttc aactacaaag caaaaatatg tggcttcaac agcaattagt 1860
508 tcatgcacat aangaaagct gacaacaaaa gcaagataac aattgatntt cattntcttg 1920
510 agaggaaaat gcncatcatc ttctaaaaga gaaaatgag gagatatttn attacnataa 1980
512 ccatttaaaa aacccgtata tttcaatatg gaaaaaaaaa anaaaaaaaa           2030
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VERIFICATION SUMMARY   DATE: 09/26/2003
PATENT APPLICATION: **US/09/451,739G**   TIME: 14:33:04

Input Set : **A:\LUD5615-seq.txt**
Output Set: **N:\CRF4\09262003\I451739G.raw**

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L:25 M:283 W: Missing Blank Line separator, <220> field identifier
L:29 M:283 W: Missing Blank Line separator, <400> field identifier
L:36 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:180
L:87 M:283 W: Missing Blank Line separator, <400> field identifier
L:133 M:283 W: Missing Blank Line separator, <220> field identifier
L:134 M:283 W: Missing Blank Line separator, <400> field identifier
L:166 M:283 W: Missing Blank Line separator, <400> field identifier
L:202 M:283 W: Missing Blank Line separator, <400> field identifier
L:262 M:283 W: Missing Blank Line separator, <220> field identifier
L:263 M:283 W: Missing Blank Line separator, <400> field identifier
L:310 M:283 W: Missing Blank Line separator, <400> field identifier
L:363 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:8
L:363 M:283 W: Missing Blank Line separator, <400> field identifier  .
L:386 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
L:386 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ ID#:8
L:386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:660
L:395 M:283 W: Missing Blank Line separator, <400> field identifier
L:403 M:283 W: Missing Blank Line separator, <400> field identifier
L:411 M:283 W: Missing Blank Line separator, <400> field identifier
L:419 M:283 W: Missing Blank Line separator, <400> field identifier
L:427 M:283 W: Missing Blank Line separator, <400> field identifier
L:435 M:283 W: Missing Blank Line separator, <400> field identifier
L:445 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:15
L:445 M:283 W: Missing Blank Line separator, <400> field identifier
L:500 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15
L:500 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ ID#:15
L:500 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:1620
M:341 Repeated in SeqNo=15
L:519 M:283 W: Missing Blank Line separator, <400> field identifier
L:620 M:283 W: Missing Blank Line separator, <400> field identifier
L:628 M:283 W: Missing Blank Line separator, <400> field identifier
L:636 M:283 W: Missing Blank Line separator, <400> field identifier
```